

ABSTRACT OF THE DISCLOSURE

A method for inspecting a head unit moving device is characterized by having the steps of running a inspection use tape in which a servo signal is written displaced in a width direction of a magnetic tape at a predetermined frequency and amplitude; measuring a position of a head unit practically
5 moved in a width direction of the inspection use tape in response to the servo signal; and calculating a difference between the position and a position to be instructed so as to move the head unit in response to the servo signal, wherein the head unit moving device moves the head unit with a servo signal reading
10 head, a data signal recording head, and a data signal reproducing head in the width direction of the magnetic tape in response to the servo signal read from the magnetic tape by the servo signal reading head.